

SWP Water Quality Summary

November 13, 2000

Automated Station Data

Automated sampling stations provide real time data by continuously measuring water quality conditions in the Aqueduct.

Water Quality Parameter 10/18/00 to 11/13/00		NBA at Barker Slough PP KG000000	Harvey O. Banks Pumping Plant KA000331	Check 13 at O'Neill Forebay Outlet KA007089	Check 29 Near Highway 119 KA024454	MWD Pipeline at Castaic Lake CA000000	Devil Canyon Power Plant KA041288
Turbidity (NTU)	average	51	8	10	11	1	4
	maximum	103	30	17	15	2	5
	minimum	17	5	7	8	1	3
Conductivity	average	309	482	486	452	439	368
(microSiemens/cm)	maximum	452	517	512	477	445	409
	minimum	49	437	466	436	429	316
Calculated TDS (mg/l)	average	179	273	278	262	262	215
	maximum	264	293	292	276	266	237
	minimum	36	247	266	252	256	186

Grab Sample Data of Special Interest

Laboratory analyses of water quality constituents, including inorganic compounds, are conducted from monthly water quality samples collected throughout the SWP.

Water Quality Parameter October 2000 *	units	objectives	Barker Slough Pumping Plant	Harvey O. Banks Pumping Plant	Check 13 at O'Neill Forebay Outlet	Check 29 Near Highway 119	Devil Canyon Power Plant
Bromide	mg/l	0.05 ° °	0.04	0.27	0.27	0.21	0.13
Hardness	mg/l	180/110 °	83	96	72	98	79
Total Alkalinity	mg/l as CaCO_3	none	84	69	103	79	71
Total Organic Carbon	mg/l	3.0 ° °	2.4	2.0	N/A	2.3	2.6
Total Dissolved Solids	mg/l	440/220° /150° ° °	150	248	202	235	171

* latest analyses available

* * n/a-not available

° Article 19 (monthly/ten year averages)

° ° CALFED/CUWA

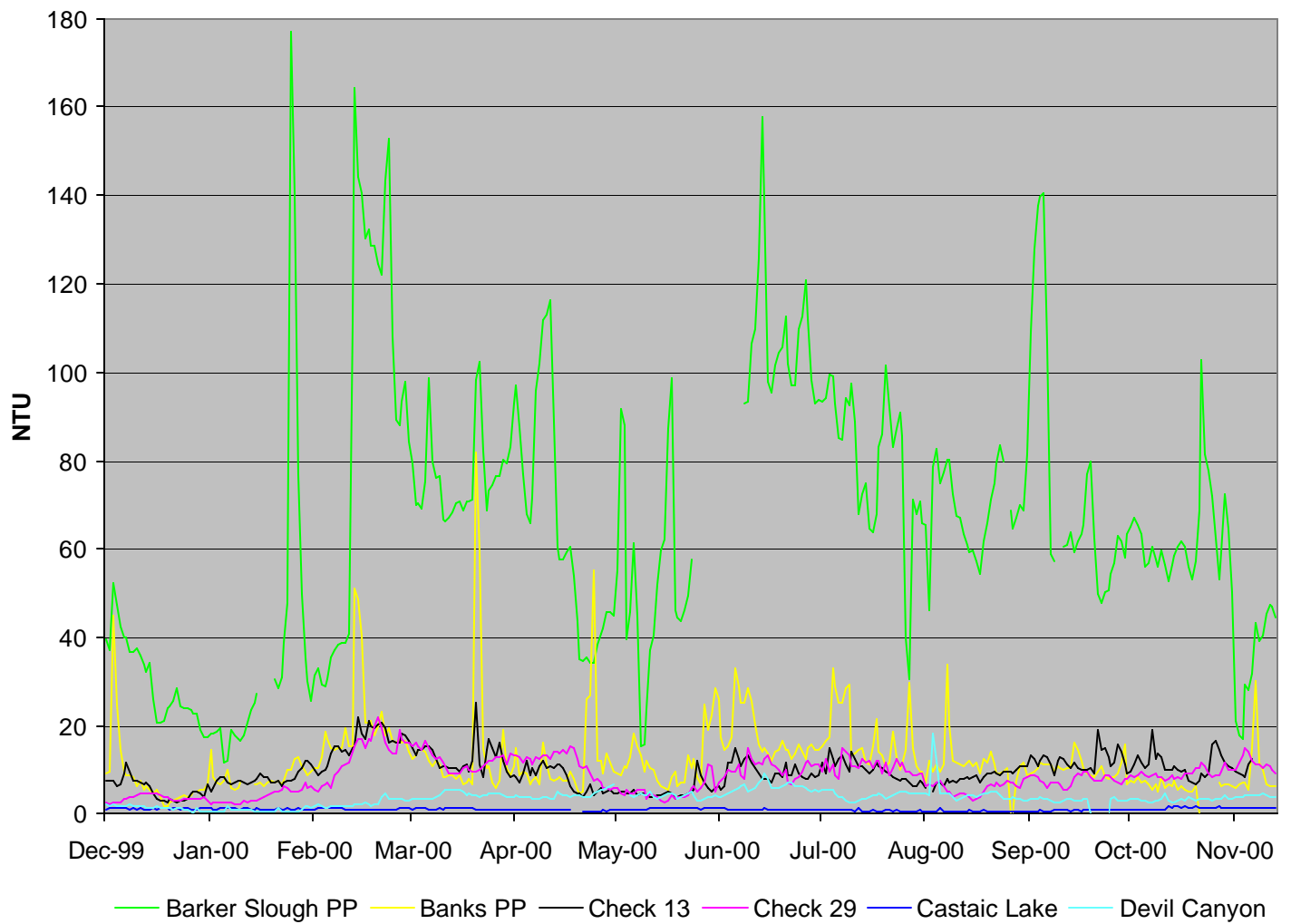
° ° ° CUWA Proposed

Water Quality Highlights

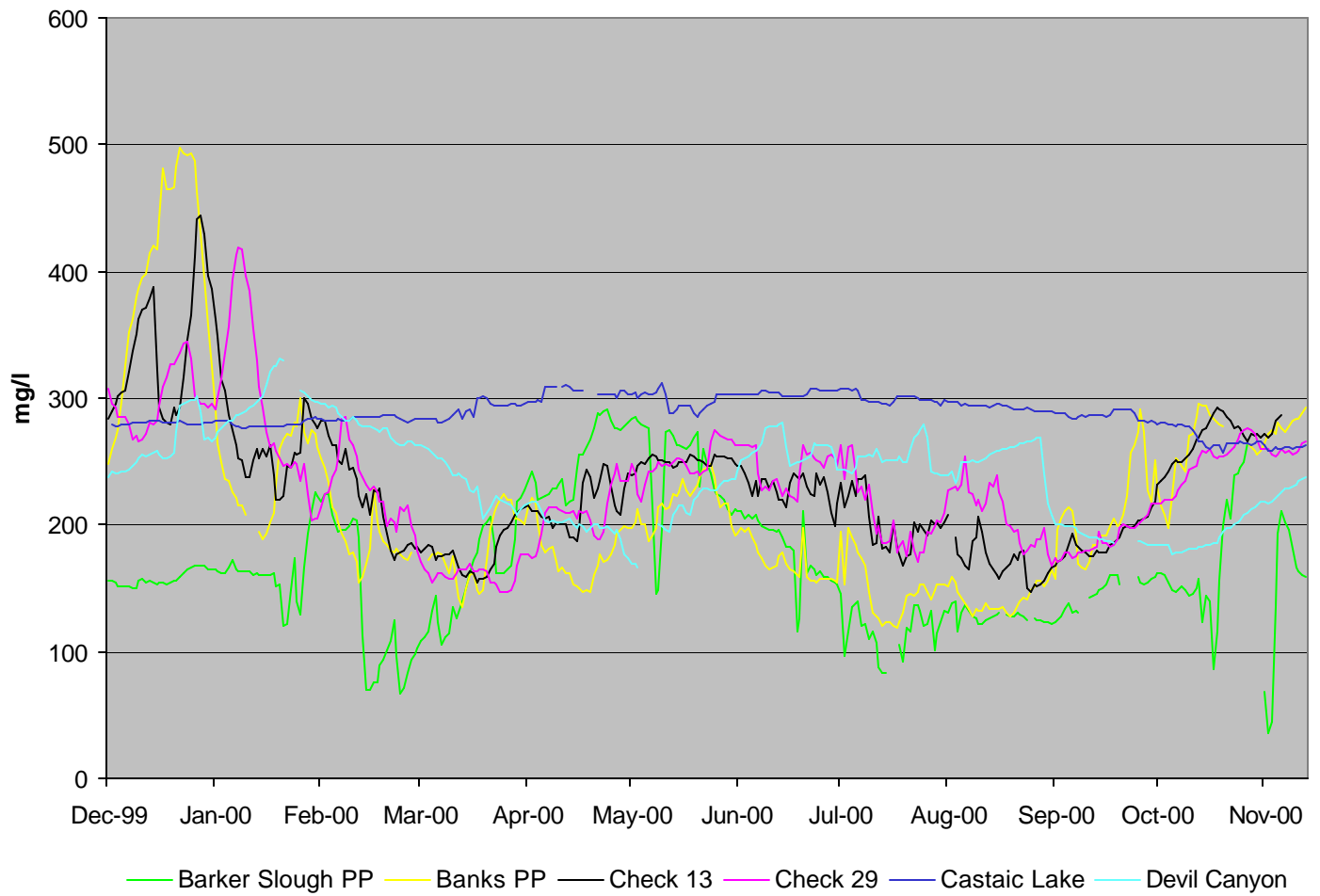
- ☐ Email reflectors are completed and being used to send group water quality messages.
- ☐ New TOC meter at O'Neill Forebay Outlet should be online in early December.
- ☐ Clifton Court TOC meter has been moved to Banks PP and data will be reported by the end of November.
- ☐ O&M Staff are evaluating chromium levels in SWP water.

For more information refer to: <http://www.wmq.water.ca.gov> and <http://www.dpla.water.ca.gov/supply/sampling/mwq/main.htm>

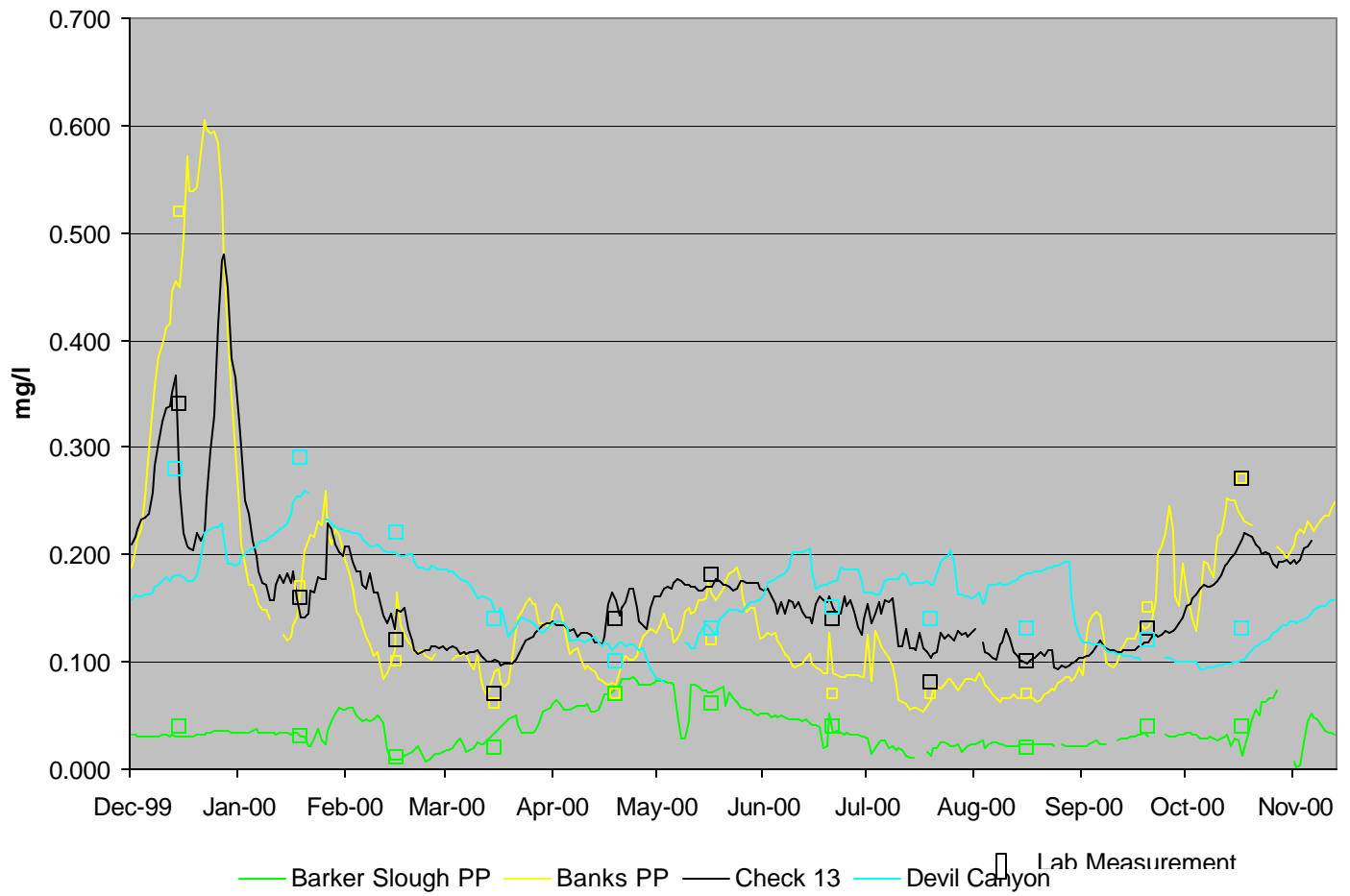
Turbidity



TDS (calculated)



Bromide (calculated)



Daily Average Flow

